

## California Renewable Fuels Partnership

- \* California Farm Bureau
- **\*** Bluewater Network
- Planning and Conservation League
- Silicon Valley Toxics Coalition
- **\*** Community Alliance with Family Farmers
- \* Calstart
- Ventura County Solid Waste
- \* Renewable Energy Action Project
- \* Renewable Fuels Association
- California Feed and Grain Association
- Westside Conservation District
- \* California Ethanol Developers

# 6 to 8 Projects in Advanced Stages of Development

- \* Projects are South, Central and Northern California
- \* Three projects have fully permitted sites
- \*One project in construction
- \* Combined capacity of around 400 million gallons

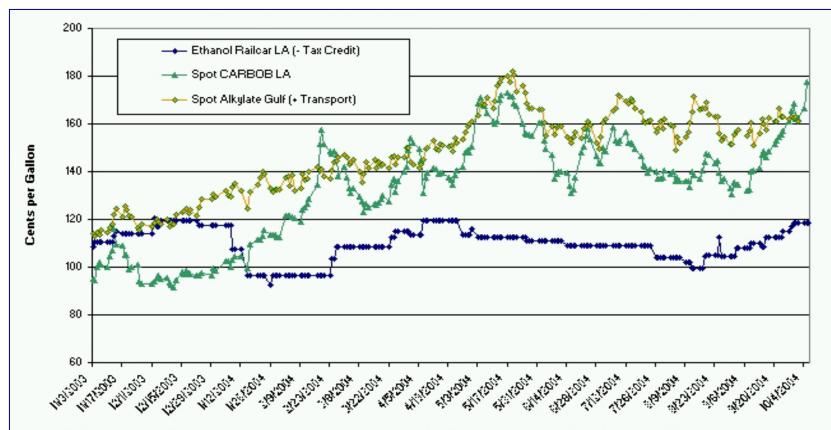
## **Economic Development**

- \* First Phase 7000 new jobs throughout economy
- \* Stimulate over \$600 million capital investment
- \* Provide economic development in areas of need including rural California

### Environmental

- \* Most cost effective reduction of CO2 in the near term Pew Center for Global Climate Change
- \* Reduces CO important ozone precursor
- \* Clean replacement for aromatics and other gasoline components
- \* Meets Clean Air Requirements by law

#### Recent California and Blendstock Prices



Notes: Ethanol railcar prices are from Platts, and are average prices for prompt Southern California shipments including 52 c/gal federal tax credit. Alkylate is an important blendstock used in California reformulated gasoline. California alklylate prices are calculated from Platts and include 20 c/gal transportation & distribution cost from Gulf Coast to California. Spot wholesale prices for regular-grade California reformulated gasoline blendstock for oxygenate blending (CARBOB) are from US Department of Energy.

#### Issues to Consider

- \* CEC Renewable electricity program provides road map for fuels
- \* Ethanol as a key building bloc to renewable hydrogen.
- \* Additive Local Supply
- ★ Brazil as an example FFV's
- \* Integration between Air Quality and Energy Policies
- \* Fungible CARBOB and Ethanol Quantities 10% ethanol flexibility needed

